

Claims

[c1] CLAIMS

I claim as my invention:

1. A golf club head comprising:

a face component, the face component having striking plate portion and a return portion;

an aft-body having a crown portion, a sole portion and a ribbon portion, the aft-body attached to the return portion of the face component; and

a gasket positioned in a gap between the face component and the aft-body, the gasket having a first portion with a first width and a second portion with a second width, the second width greater than the first width;

wherein the second portion adjusts a face angle of the golf club head between an amount of greater than zero degrees to less than six degrees.

[c2] 2. The golf club head according to claim 1 wherein the gasket is composed of a polymer material.

[c3] 3. The golf club head according to claim 1 wherein the gasket is composed of a thermoplastic polyurethane elastomer material.

- [c4] 4. The golf club head according to claim 1 wherein the first width has a range of 0.010 inch to 0.100 inch, and the second width has a range of 0.011 inch to 0.200 inch.
- [c5] 5. The golf club head according to claim 1 wherein the second portion is located on a heel region of a crown section of the gasket.
- [c6] 6. The golf club head according to claim 1 wherein the second portion is located on a toe region of a crown section of the gasket.
- [c7] 7. The golf club head according to claim 1 wherein the second portion is located on a toe region of a crown section of the gasket and an upper region of a toe section of the gasket.
- [c8] 8. The golf club head according to claim 1 wherein the second portion is located on a toe region of a sole section of the gasket.
- [c9] 9. The golf club head according to claim 1 wherein the face angle of the golf club head is closed.
- [c10] 10. The golf club head according to claim 1 wherein the face angle of the golf club head is open.
- [c11] 11. The golf club head according to claim 1 wherein the

gap is positioned 0.5 inch to 2.5 inches from a perimeter of the striking plate of the face component.

- [c12] 12. A golf club head comprising:
- a face component composed of a metal material, the face component having striking plate portion and a return portion, the striking plate portion having a thickness in the range of 0.010 inch to 0.250 inch and the return portion having a thickness ranging from 0.010 inch to 0.250 inch;
 - an aft body comprising an upper section and a lower section, the upper section comprising a crown portion and an upper ribbon portion and the lower section comprising a sole portion and a lower ribbon portion, the aft-body composed of a metal material selected from the group consisting of magnesium alloys, aluminum alloys, magnesium and aluminum, , the aft-body attached to the return portion of the face component, the aft body having a thickness ranging from 0.015 inch to 0.100 inch; and
 - a gasket positioned in a gap between the face component and the aft-body, the gasket having a first portion with a first width and a second portion with a second width, the second width greater than the first width; wherein the second portion adjusts a face angle of the golf club head between an amount of greater than zero

degrees to less than six degrees;
wherein the moment of inertia about the Izz axis
through the center of gravity is greater than 3000
grams– centimeter squared, and the moment of inertia
about the Iyy axis through the center of gravity is greater
than 1900 grams– centimeter squared.

- [c13] 13. A golf club head comprising:
a face component composed of a metal material, the
face component having striking plate portion and a re-
turn portion, the striking plate portion having a thick-
ness in the range of 0.010 inch to 0.250 inch;
an aft body comprising an upper section and a lower
section, the upper section comprising a crown portion
and an upper ribbon portion and the lower section com-
prising a sole portion and a lower ribbon portion, the
aft-body composed of a metal material selected from the
group consisting of magnesium alloys, aluminum alloys,
magnesium and aluminum, , the aft-body attached to
the return portion of the face component, the aft body
having a thickness ranging from 0.015 inch to 0.100
inch;
a gasket positioned in a gap between the face compo-
nent and the aft-body, the gasket having a first portion
with a first width and a second portion with a second
width, the second width greater than the first width;

wherein the second portion adjusts a face angle of the golf club head between an amount of greater than zero degrees to less than six degrees;

wherein the golf club head has a volume ranging from 350 cubic centimeters to 525 cubic centimeters and a mass ranging from 175 grams to 225 grams.

- [c14] 14. A golf club head comprising:
a face component composed of a titanium alloy material and comprising a return portion and a striking plate portion, the striking plate portion having concentric regions of varying thickness with the thickest region about the center of the striking plate portion;
an aft body comprising an upper section and a lower section, the upper section comprising a crown portion, an upper ribbon portion and an inward recessed section, the lower section comprising a sole portion, a lower ribbon portion and an inward recessed section, the aft body composed of an injection molded magnesium alloy material, the aft body having a thickness ranging from 0.010 inch to 0.100 inch, the return portion overlapping the inward recessed portion and attached to the inward recessed portion, the ribbon portion having a heel weighting cavity, a rear weighting cavity and a toe weighting cavity; and
a gasket positioned in a gap between the face compo-

ment and the aft-body, the gasket having a first portion with a first width and a second portion with a second width, the second width greater than the first width; wherein the second portion adjusts a face angle of the golf club head between an amount of greater than zero degrees to less than six degrees.